Title (en)

METHOD, DEVICE, COMPUTER STORAGE MEDIUM FOR MAPPING OPTICAL CHANNEL DATA UNIT FRAMES

Title (de)

VERFAHREN, VORRICHTUNG, COMPUTERSPEICHERMEDIUM ZUR ABBILDUNG OPTISCHER KANALDATENEINHEITSRAHMEN

Title (fr)

PROCÉDÉ, DISPOSITIF, SUPPORT DE STOCKAGE INFORMATIQUE PERMETTANT DE MAPPER DES TRAMES D'UNITÉ DE DONNÉES DE CANAL OPTIQUE

Publication

**EP 3528442 B1 20201230 (EN)**

Application

**EP 17860307 A 20170428**

Priority

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- CN 2017082615 W 20170428

Abstract (en)

[origin: EP3528442A1] The embodiment of the present invention discloses a mapping method of optical channel data unit Cn (ODUCn), which includes: caching low-order ODUj data into n partition memories according to a port time slot configured for each low-order ODUj data; generating a value Cm of the number of m-bit data entities and a value ∑Cnd of the number of accumulated remaining bits which cannot form the m-bit data entities according to a rate of low-order ODUj data stream, and encoding the values of Cm and ∑Cnd; generating a read signal of cached data by utilizing a modulation algorithm and according to the value of Cm, reading low-order ODUj data cached in the partition memories, and selecting required time slot data from the read data; packaging the selected time slot data and the encoded values of Cm and ∑Cnd into n ODUC1 frames according to a generated ODUC control signal. The embodiment of the present invention also discloses a mapping apparatus of ODUCn and a computer storage medium.

IPC 8 full level

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CPC (source: CN EP)

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